MEASUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
			IT - 5219		
			KST - 20876		
			FSR 28705		
			WR 5219		
			ISR 522		
			Roy 4945		
			65482 = 00		
0 = 00					
65482 = 00					

First & Final Bill

SBRAO - 88/15-16

BR - 96/29-6-15

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 190069

Serial No. 19:29-6-15

Name of work providing outerdoor panel boxes in ward No-10. (Doddabommasandra) vidyaranyapura Sub-division From To

Name of Contractor of nature of Agency K. Shankarreddy

Date of commencement of work 20.06.2015

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code No:- 010-15-00006L						
	Work order No;	EE/BTP/BBMP/E-PMT/47/2015-16. Date 23-04-2015.					
	Head of Account;	P3082					
	Address of Agency;	#3, 1st cross 1st Main, ramachandrappa lyt, Veeranna Palya Bangalore-45.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screw etc, with all lead and lift, loading, unloading and labour charges etc.	30 nos @ Rs 317.04				Rs 9511.00	
	2) Supplying of LTUG cable having aluminium conductor pvc insulated sheathed, galvanised steel wire/steel tape armoured cable with pvc outer sheathing 1.1 kV class, with all lead and lift, loading, unloading and labour charges etc.	2	25.00			= 50.00 mt	
		3	28.00			= 84.00 mt	
		3	32.00			= 96.00 mt	
		3	35.00			= 105.00 mt	
		5	30.00			= 150.00 mt	

1901

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
s" Polished wood board			
ck plank on both sides with			
an 2 pieces and fixing the			
inverted wooden plugs Screw			
oading, unloading and labour			
s 317.04			Rs 9511.00
ving aluminium conductor pvc			
steel, wire/steel tap armoured			
1.1 kv class, with all lead			
and labour charges etc			
		= 50.00 mt	
		= 84.00 mt	
		= 96.00 mt	
		= 105.00 mt	
		= 150.00 mt	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11

190070

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		5	20.00		=	100.00 mt	
		3	35.00		=	105.00 mt	
		5	33.00		=	165.00 mt	
		2	25.00		=	50.00 mt	
					Total =	305.00 mt	
	Qty limited to Tender					300.00 mt	
	ಸ.ಕಾ.ಅ.	@ Rs 147.39				Rs 132651.00	

3) Labour charges for laying of 1.1 kv class Un cable (PVC) Electrical S.R. - 1999 - 2000 with all lead and lift, loading, unloading and labour charges etc, complete and as per the directions of

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	25.00			= 50.00m	
		3	28.00			= 84.00m	
		3	32.00			= 96.00m	
		3	35.00			= 105.00m	
		5	30.00			= 150.00m	
		5	20.00			= 100.00m	
		3	35.00			= 105.00m	
		5	33.00			= 165.00m	
		2	25.00			= 50.00m	
					Total =	905.00m	
					Qty limited to tender =	900.00m	
			@ Rs 11.34			Rs 10206.00	

Jadhav AE

4) Digging or trenching of 0.6m x 0.5m wide refilling the trench to the required ground level and consolidating etc, complete as per civil with all lead and lift, loading, unloading and labour charges etc, complete and as per the direct

1001

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work.

Date 1	Full description, etc, of wo 2
	For cutting Road Surface

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
5.00		=	50.00mt	
8.00		=	84.00mt	
2.00		=	96.00mt	
5.00		=	105.00mt	
0.00		=	150.00mt	
0.00		=	100.00mt	
5.00		=	105.00mt	
3.00		=	165.00mt	
5.00		=	50.00mt	
		Total =	905.00mt	
imited to Tender =			900.00mt	
11.34				Rs 10206.00
			Jadhav AE	

6m x 0.5mt wide refilling the trench
wet and consolidating etc, complete
and lift, loadding, unloadding
complete and as per the direct

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 190071

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For Cutting Road Surface	2	21.00		=	42.00mt	
		3	24.00		=	72.00mt	
		3	28.00		=	84.00mt	
		3	30.00		=	90.00mt	
		5	24.00		=	120.00mt	
		5	16.00		=	80.00mt	
		3	31.00		=	93.00mt	
		5	25.00		=	125.00mt	
		2	21.00		=	42.00mt	
					Total =	748.00mt	
		Qty limited to Tender =				720.00mt	
		@ Rs 89.23				Rs 64246.00	
						Jadhav AE	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5) Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 kV class with all lead and lift, loading, unloading and labour charges etc, complete and as per the directions						
	40mm ø GI Pipe	30.00	4.00			= 120.00mt	
		@ RS 362.18					RS 43462.00
						Jadhav AE	
	6) Supplying and fixing L.T cast iron pot head suitable for 1.1kV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts nuts and washers etc.						
	16 SQmm	30 Nos	@ RS	293.94			RS 8818.00
						Jadhav AE	
	EE						

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work....

Date	Full description, etc, of work
1	2
	7) Supplying, fixing J.C contacts a 40mm dia 2.90 The Pit Should
	8) Supplying & fix existing wooden 32 Amps

1001

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			class A (medium duty) GI pipe of than 3.25mm on pole/wall/drain clamping arrangements for UG with all lead and lift, loading, unloading complete and as per the directions	
4.00			= 120.00mt	
RS 362.18				RS 43462.00
			Jadhav AE	
			cast iron pot head suitable for 1.1kV with necessary bitumen/insulating terminals, clamps, bolts nuts and	
@ RS 283.94				RS 8818.00
			Jadhav AE	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11

190072

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	7) Supplying, fixing, wiring, earth electrode for grounding conduits J.C. contacts and other equipments on the meter board using 40mm dia 2.40mm thick GI pipe 2.5mtr long buried in a pit. The pit should be filled with earth.						
		30Nos	@ RS 2862.80				RS 85884.00
							Jadhav AE
	8) Supplying & fixing of porcelain fuse channel which cut out on existing wooden/panel using necessary nuts, bolts and washers. 32 Amps						
		30x2				= 60Nos	
		@ RS	188.86				RS 11338.00
							Jadhav AE

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9) providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials	30 Nos @ Rs 1658.05					Rs 49742.00 Sodhar AE
	10) providing NP/CP waste unions conforming to ISI specification and fixing them in position as per directions including cost of materials fixtures and conveyance to work spot etc 50mm φ	30 Nos @ Rs 239.25					Rs 7178.00 Sodhar AE
	11) Supplying and fixing 50mm φ GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete	30.0 @ Rs 83.88	4.00			= 120.00 Nos	Rs 10078.00 Sodhar AE

1901

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		Somen nominal bore gun metal of approved make including	
1658.05			RS 49742.00 Jodha AE
) conforming to ISI specification as per directions including d conveyance to work spot etc			
239.25			RS 7178.00 Jodha AE
G I x nipple with ISI mark with loading and labour charges etc			
		= 120.00 nos	
88			RS 10078.00 Jodha AE

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 190073

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	12) Supplying Shunt capacitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvements of rotating machinery						
		3nos @ RS 3670.43					RS 11023.00 Jodha AE
	13) Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve indicator ON/OFF, energy						
		30nos @ RS 1624.04					RS 48721.00 Jodha AE
	14) Fabricating supplying and mounting MS box made out - Stand suitable for floor/wall mounting, fully weather proof						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	with provision for better heat dissipation provided with hinged 16 Sweq	30x2	120.00	60.00		= 432000.00 Sqcm	
		30	300.00	25.00		= 270000.00 Sqcm	
						Total = 702000.00	
		@ Rs 0.35				Rs 245700.00	
15)	Supplying and delivery at site brand new Star/Essen/Lotus/Sun-Shine/Adarsh/GK controls best indigenous make combined energy meter-cum-control panel board unit of size 600x450x200 mm minimum mechanically strong vermin and water proof.	27 Nos @ Rs 11547.80				Rs 311791.00	

Serial No.....

Name of work.....

Name of Contractor of nature of

Date of commencement of work

Date 1	Full description, etc, of wo 2
	CEE Assistant Exec Vidyaranyapu BBMP, Ba Certified Certified to no materi Zadhav AE 20

1901

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
heat dissipation provided				
0.00	60.00		= 432000.00 Sqcm	
50.00	25.00		= 270000.00 Sqcm	
			Total = 702000.00	
.35				Rs 245700.00
ut Safe brand new star / Essen / / GK controls best indigenous man on control panel board unit of size m mechanically strong version				
e Rs 1154.80				Rs 31791.00

C&FC

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M.A.R. 57 (Rule 116)

Measurement Book No. A/11 190074

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C&FC				Total	Rs	1050349.00
	Certified,					Zadhav AE 29/6/2015	
	Certified that the above work done satisfactory and no materials issued from departmentally						
	Zadhav AE 29/6/2015.						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
				IT	10503		
				KST	42014		
				fcs	57769		
				LWR	10503		
				LBP	1050		
					121839=00		

Deg. Element do. 1050340=00
121839=00
Net payable amount under this element
do. 928501=00
Amount in words
Thirteen lakhs
Rs.
Signature of the contractor
Signature of the officer
Designation
Date

1901

Name of work.....
Name of Contractor of nature of Ag
Date of commencement of work...

Date 1	Full description, etc, of work 2